

0280 OIPE

CRF Errors Corrected by the STIC Systems Branch

CRF Processing Date:

Edited by:

Verified by:

1/7/2002

Serial Number: 10/015,948

ENTERED

(STIC stat)

 Changed a file from non-ASCII to ASCII. Changed the margins in cases where the sequence text was 'wrapped' down to the next line. Edited a format error in the Current Application Data section, specifically: Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other _____. Added the mandatory heading and subheadings for 'Current Application Data'. Edited the 'Number of Sequences' field. The applicant spelled out a number instead of using an integer. Changed the spelling of a mandatory field (the headings or subheadings), specifically: Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place. Inserted colons after headings/subheadings. Headings edited included: .. Deleted extra, invalid, headings used by an applicant, specifically: Deleted: non-ASCII 'garbage' at the beginning/end of files; secretary initials/filename at end of file; page numbers throughout text; other invalid text, such as _____. Inserted mandatory headings, specifically: _____ Corrected an obvious error in the response, specifically: Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A 'Hard Page Break' code was inserted by the applicant. All occurrences had to be deleted. Deleted ending stop codon in amino acid sequences and adjusted the '(A)Length:' field accordingly (error due to a PatentIn bug). Sequences corrected: _____ Other:

Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

#2

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/015,948

DATE: 01/07/2002

TIME: 20:37:19

Input Set : A:\PTO.AMC.txt
 Output Set: N:\CRF3\01072002\J015948.raw

4 <110> APPLICANT: Allen, Keith D.
 5 Matthews, William
 6 Moore, Mark
 8 <120> TITLE OF INVENTION: TRANSGENIC MICE CONTAINING
 9 ADRENOCORTICOTROPIN HORMONE RECEPTOR GENE DISRUPTIONS
 12 <130> FILE REFERENCE: R-605
 C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/015,948
 C--> 15 <141> CURRENT FILING DATE: 2001-12-11
 17 <150> PRIOR APPLICATION NUMBER: US 60/254,906
 18 <151> PRIOR FILING DATE: 2000-12-11
 20 <150> PRIOR APPLICATION NUMBER: US 60/324,583
 21 <151> PRIOR FILING DATE: 2001-09-24
 23 <160> NUMBER OF SEQ ID NOS: 4
 25 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 27 <210> SEQ ID NO: 1
 28 <211> LENGTH: 1100
 29 <212> TYPE: DNA
 30 <213> ORGANISM: Mus musculus
 32 <400> SEQUENCE: 1
 33 atttattttat ttaatcatct catatgtgtc tatgtgttct gtttaacacctc agatccttcc 60
 34 acacaaaagaa aacatactgc agaaaacaatc gtgatttctg taagtcaacg gcaaacacca 120
 35 cccccgtctt aacggccagc aggaaaaaat gaagcatatt atcaattcgt atgaacacac 180
 36 caatgacacc gcaaggaaata actccgatig tcctgtatgt aaaaaatggccag aagagatatt 240
 37 tttcacaatc tctgtcatttgcatatttggaa gaacttgatt gtcctcctgg ctgtatcaa 300
 38 aaataaaaaat ctccagtccc ccatgttattt tttcatctgc agtttggcca tttctgacat 360
 39 gttgggcagt ctgtataaga tcttggaaaaa catccgtatc atgttcagaa acatgggtta 420
 40 tcttaagcct cgtggcagtt ttgaaagcac agcagatgac atcattgact gcatgttcat 480
 41 cctctcttttgcatccat ttttcagcct gtctgtcatttgcagcttgcacc gttacatcac 540
 42 catcttccat gccctgcaat accatagcat tttcatctgc agtttggcca tttctgacat 600
 43 aacaatttac tggatgttct gcacagggag cggcatcacc atggatgttct tctccacca 660
 44 catccccaca gtgtcacccat tcacatcgat gttcccttttgcatgttcttgcacc 720
 45 tctctacatc cacatgttct tacttgccttgcaccatgttcttgcacc 780
 46 tagaaccaac atgaagggttgcatgcactt aaccatccat tttggatgttcttgcacc 840
 47 tttggccccc tttgtgtccat atgttcttgcaccatgttcttgcacc 900
 48 tttttgttgcaccatgttcttgcaccatgttcttgcacc 960
 49 tgaccctttt atatatgcct ttcggagccc agagctcaga gatgcattca aaaggatgtt 1020
 50 cttctgcaac cggttatttttgcaccatgttcttgcacc 1080
 51 aataacacat cagtctgaca 1100
 53 <210> SEQ ID NO: 2
 54 <211> LENGTH: 296
 55 <212> TYPE: PRT
 56 <213> ORGANISM: Mus musculus
 58 <400> SEQUENCE: 2
 59 Met Lys His Ile Ile Asn Ser Tyr Glu His Thr Asn Asp Thr Ala Arg
 60 1 5 10 15
 61 Asn Asn Ser Asp Cys Pro Asp Val Val Leu Pro Glu Glu Ile Phe Phe
 62 20 25 30

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/015,948

DATE: 01/07/2002
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Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\01072002\J015948.raw

63 Thr Ile Ser Val Ile Gly Ile Leu Glu Asn Leu Ile Val Leu Leu Ala
 64 35 40 45
 65 Val Ile Lys Asn Lys Asn Leu Gln Ser Pro Met Tyr Phe Phe Ile Cys
 66 50 55 60
 67 Ser Leu Ala Ile Ser Asp Met Leu Gly Ser Leu Tyr Lys Ile Leu Glu
 68 65 70 75 80
 69 Asn Ile Leu Ile Met Phe Arg Asn Met Gly Tyr Leu Lys Pro Arg Gly
 70 85 90 95
 71 Ser Phe Glu Ser Thr Ala Asp Asp Ile Ile Asp Cys Met Phe Ile Leu
 72 100 105 110
 73 Ser Leu Leu Gly Ser Ile Phe Ser Leu Ser Val Ile Ala Ala Asp Arg
 74 115 120 125
 75 Tyr Ile Thr Ile Phe His Ala Leu Gln Tyr His Ser Ile Val Thr Met
 76 130 135 140
 77 Arg Arg Thr Ile Ile Thr Leu Thr Ile Ile Trp Met Phe Cys Thr Gly
 78 145 150 155 160
 79 Ser Gly Ile Thr Met Val Ile Phe Ser His His Ile Pro Thr Val Leu
 80 165 170 175
 81 Thr Phe Thr Ser Leu Phe Pro Leu Met Leu Val Phe Ile Leu Cys Leu
 82 180 185 190
 83 Tyr Ile His Met Phe Leu Leu Ala Arg Ser His Ala Arg Lys Ile Ser
 84 195 200 205
 85 Thr Leu Pro Arg Thr Asn Met Lys Gly Ala Met Thr Leu Thr Ile Leu
 86 210 215 220
 87 Leu Gly Val Phe Ile Phe Cys Trp Ala Pro Phe Val Leu His Val Leu
 88 225 230 235 240
 89 Leu Met Thr Phe Cys Pro Asn Asn Pro Tyr Cys Val Cys Tyr Met Ser
 90 245 250 255
 91 Leu Phe Gln Val Asn Gly Met Leu Ile Met Cys Asn Ala Val Ile Asp
 92 260 265 270
 93 Pro Phe Ile Tyr Ala Phe Arg Ser Pro Glu Leu Arg Asp Ala Phe Lys
 94 275 280 285
 95 Arg Met Leu Phe Cys Asn Arg Tyr
 96 290 295
 99 <210> SEQ ID NO: 3
 100 <211> LENGTH: 200
 101 <212> TYPE: DNA
 102 <213> ORGANISM: Artificial Sequence
 104 <220> FEATURE:
 105 <223> OTHER INFORMATION: Targeting Vector
 107 <400> SEQUENCE: 3
 108 atgaacacac caatgacacc gcaagaaata actccgattt tcctgtatgtt gttttgccag 60
 109 aagagatatt tttcacaatc tctgtcattt gcatatttggaa gaacttgatt gtccctctgg 120
 110 ctgtgatcaa aaataaaaat ctccagtccc ccatgtattt tttcatctgc agtttggcca 180
 111 tttctgacat gttggcagt 200
 113 <210> SEQ ID NO: 4
 114 <211> LENGTH: 200
 115 <212> TYPE: DNA
 116 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/015,948

DATE: 01/07/2002
TIME: 20:37:19

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\01072002\J015948.raw

118 <220> FEATURE:
119 <223> OTHER INFORMATION: Targeting Vector
121 <400> SEQUENCE: 4
122 ggtgccatga cactaaccat cttcttggc gtcttcatct tctgttggc cccctttgtg 60
123 ctccatgttc tcttaatgac ttctgccta aataaccctt actgtgttg ctacatgtct 120
124 ctcttccagg tcaatggcat gttgatcatg tgcaatgcag ttattgaccc ctttatata 180
125 gccttcgga gcccagagct 200

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/015,948

DATE: 01/07/2002
TIME: 20:37:20

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\01072002\J015948.raw

L:14 M:270 C: Current Application Number differs, Replaced Current Application Number
L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/015,948

DATE: 12/31/2001
TIME: 14:13:25

Input Set : A:\R-605 Sequence listing for submission.txt
Output Set: N:\CRF3\12312001\J015948.raw

4 <110> APPLICANT: Allen, Keith D.
5 Mathews, William
6 Moore, Mark
8 <120> TITLE OF INVENTION: TRANSGENIC MICE CONTAINING
9 ADRENOCORTICOTROPIN HORMONE RECEPTOR GENE DISRUPTIONS
12 <130> FILE REFERENCE: R-605
C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/015,948
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20 <150> PRIOR APPLICATION NUMBER: US 60/324,583
21 <151> PRIOR FILING DATE: 2001-09-24
23 <160> NUMBER OF SEQ ID NOS: 4
25 <170> SOFTWARE: FastSEQ for Windows Version 4.0

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES

113 <210> SEQ ID NO: 4
114 <211> LENGTH: 200
115 <212> TYPE: DNA
116 <213> ORGANISM: Artificial Sequence
118 <220> FEATURE:
119 <223> OTHER INFORMATION: Targeting Vector
121 <400> SEQUENCE: 4
122 ggtgccatga cactaaccat ccttcttgga gtcttcatct tctgttgggc cccctttgtg 60
123 ctccatgttc tcttaatgac ttctgtccca aataaccctt actgtgtttg ctacatgtct 120
124 ctcttccagg tcaatggcat gttgatcatg tgcaatgcag ttattgaccc ctttatatat 180
125 gdctttcgga gcccagagct 200
E--> 126 (1)

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/015,948

DATE: 12/31/2001

TIME: 14:13:26

Input Set : A:\R-605 Sequence listing for submission.txt
Output Set: N:\CRF3\12312001\J015948.raw

L:14 M:270 C: Current Application Number differs, Replaced Current Application Number
L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:126 M:254 E: No. of Bases conflict, LENGTH:Input:1 Counted:200 SEQ:4